



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

949253

REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

SR-6J

August 6, 2019

Kelly Horn, Section Head
Environmental Management Division of Nuclear Safety
Illinois Emergency Management Agency
1035 Outer Park Drive
Springfield, Illinois 62704

Re: Completion of the Remedial Action at NPL-4, Ottawa Radiation Areas Superfund Site,
Operable Unit 2, Ottawa, LaSalle County, Illinois

Dear Mr. Horn:

NPL-4, a subarea within the Ottawa Radiation Areas Superfund Site (Site), covers approximately 4.3 acres and consists of two parcels of land. One of the parcels is owned by the Illinois Emergency Management Agency (IEMA), and the other parcel is privately owned. The address of the IEMA-owned parcel is 1800 Canal Road, and the address of the privately-owned parcel is 1780 Canal Road. Both parcels are located in Ottawa, Illinois.

The soil at the Site was contaminated with radium-226, a radioactive and hazardous substance. The Radium Dial Company (Radium Dial) operated in Ottawa from 1920 through 1932; Luminous Processes, Inc. (LPI) operated in Ottawa from 1932 through 1978. The source of contamination at the Site is radium sulfate paint that Radium Dial and LPI used in their manufacturing operations. Through the years, contaminated operational waste from both companies was used as fill material throughout the Ottawa area, including NPL-4.

The U.S. Environmental Protection Agency (EPA) completed the Remedial Action (RA) at NPL-4 in two phases. Phase One, completed in January 2016, removed and disposed of soil exhibiting radioactivity levels of 100 picocuries per gram (pCi/g) or greater. Phase Two, completed in October 2016, removed and disposed of soil exhibiting radioactivity levels of greater than 6.2 pCi/g and less than 100 pCi/g.

The RA objective (RAO) for NPL-4, as set forth in the 2000 Record of Decision for the Site, requires the removal and disposal of radium-226 in soil above 6.2 pCi/g. As the RAO has been achieved at NPL-4, EPA plans no further action at this subarea unless new information warrants further Superfund consideration, or conditions not previously known to EPA regarding the Site are discovered. If you have any questions, please feel free to contact Nabil Fayoumi, Site Remedial Project Manager, at 312-886-6840 or via email at fayoumi.nabil@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Nabil Fayoumi', written in a cursive style.

Nabil Fayoumi, Remedial Project Manager
Superfund and Emergency Management Division

cc: Rich Murawski, ORC
Melinda Shaw, IEPA